



Geosynthetics

Total Traffic Exopave™

Heavy Duty Grass and Gravel Paving System

Creating Innovative Solutions with Outstanding Products

Total Traffic Exopave™

Total Traffic Exopave™ is a unique, Heavy Duty permeable paving system designed for HGV use which combines strength with versatility.

Made from recycled HDPE, the interlocking pavers can be filled with either grass or gravel providing a SuDS compliant solution and can withstand weights of up to 60 tonnes*.

This product is easy to install and offers significant savings over conventional systems.

Unlike many of its competitors, TTE™ has both high compressive strength and high shear strength. This enables TTE™ to withstand much higher loading, accelerating, braking, and turning forces than standard heavy-duty pavers.

The paver's textured surface allows for improved grip and user safety. It is ideal for permanent and overspill coach or HGV parking applications.



*In applications above 40 tonnes, a full review of the sub-base design must be carried out by Geosynthetics.



Key Applications:

- HGV and coach parking
- Lay-bys and verge reinforcement
- Intensively used car parks
- Service yards and industrial estates
- Access roads for emergency vehicles
- Farm and rural roads
- Private roads
- Hard standing areas for motorhomes
- Light aircraft apron

Features:

- Designed for use with HGV Traffic
- High shear strength reduces limitations whilst accelerating, braking and turning
- Easy to install and maintain
- Reduces sub base depths
- Textured surface for improved grip
- High water permeability
- Sympathetic to the natural environment
- Wheelchair regulations compliant

Material	Made from 100% recycled plastic, EPD certified
Colour:	Anthracite Grey
Loading bearing capacity:	Vehicles up to 60 tonne gross weight (20t per axle = 200kN per axle and 10t wheel loading) – SLW60 certified by TÜV
Infill Options:	• 10/20 clean angular aggregate • Clean friable soil & seed • TTE insert brick pavers (available in anthracite)
Dimensions:	Unit dimensions: 800mm x 400mm x 60mm Chamber dimensions: 80mm x 80mm (32 chambers per unit) 1m ² = 3.125 units
Effective dimensions:	800mm x 400mm plus 15mm for edge surfaces due to the interlocking
Wall thickness:	Inside walls: 15mm Outside walls (perimeter of unit): 20mm
Weight:	8.5kg (26 kg/m ²)
Pallet information:	90 units per pallet (covers 28.8m ²) Total weight per pallet 800kg (europallet)
Additional Materials:	TTE Installation mesh 2.05m x 100m (for ease of installation)

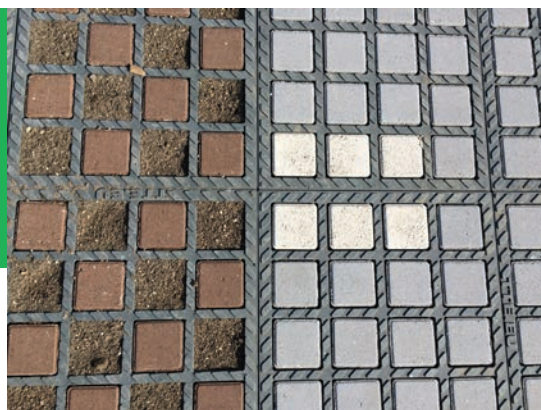


Infill options

For some applications, combinations of grass and block or gravel and block may be required for additional strength. Partial or full block fill may be required for heavy vehicles, please call us for confirmation.

For block surfaces

Using blocks from a mixture of pallets, insert into chambers for paved areas, pathways and demarcation.



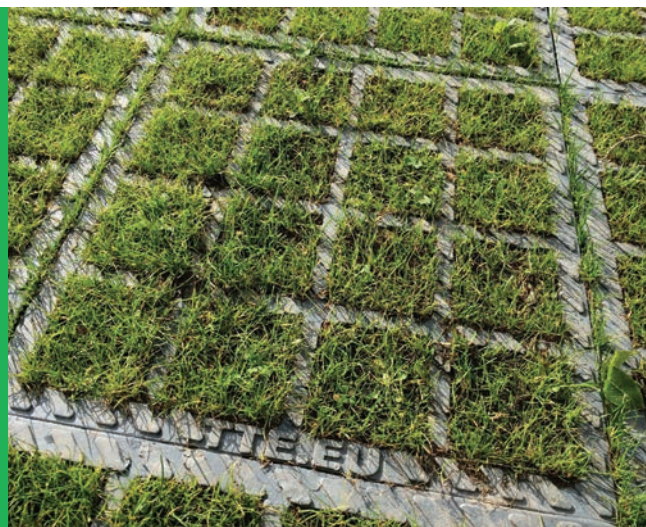
For gravel surfaces

For Gravel surface. Use a clean angular aggregate in the size range 10/20 to completely fill the units. Pea shingle and smaller size aggregates should be avoided

For grass surfaces

Use a quality assured friable mixture of topsoil/sand/compost to fill the units. DO NOT compact.

Remove any overfill and allow to settle (settlement can be assisted with a vibrating plate). This will leave a 10-15mm gap and should NOT be topped up. Apply grass seed.





Maintenance & Repair

The TTE™ system is designed to need minimal maintenance but the following should be carried out periodically to ensure the surface is safe and to preserve its appearance.

For block filled areas:

- Remove any large areas of dirt from the joints in order to maintain the water permeability using a high-pressure cleaner.

For gravel filled areas:

- Top up any 'pockets' in the TTE® units with 10/20 clean angular aggregate to avoid any trip hazards.
- Any build-up of gravel where vehicles have been cornering should be swept back into the units.

For grass filled areas:

- Cut the grass as required during the growing season.
- When mowing, keep blades above 4cm.
- Remove grass cuttings to prevent any compaction in the surface.
- Apply a fertiliser once a year in the Spring time.
- Watering should be undertaken, when necessary and more frequently during warmer periods.
- Any patches that appear can be re-seeded with a top dressing.

General Points

- Replace any pavers showing visible signs of damage or wear. Ensure the sub-base is properly reinstalled according to our guidelines before placing the new pavers.
- During Winter, use Grit instead of road salt as this has a negative effect on the vegetation, the soil and the ground water.
- Maintain the expansion strip around the perimeter of the area at all times.

About Geosynthetics

About Us

Not just a product supplier, Geosynthetics Limited promotes and leads innovation throughout the UK to deliver sustainable geosynthetic solutions for an improved environment.

Using extensive knowledge of product and applications the company have an enviable reputation for technical excellence and customer service, offering next day delivery and free engineering support to achieve the desired objectives, save time, reduce carbon and cost wherever possible.



Our Best Service



Next Day Delivery

Our fully stocked distribution center established in the East Midlands makes UK direct to site next day deliveries possible.



Free Engineering Service

Our Engineering Department (Staffed by fully qualified civil engineers) has been created to give you free technical support and to provide solutions involving our range of products.



Large Stock Holding

We hold over £2m worth of stock in our East Midlands distribution centre allowing us to enable quick order turnarounds.



Site Visits

Our team includes industry experts offering you support & advice throughout your order process. This enables us to offer services such as site visits to assist you with choosing the best solution for your project.

Get in touch



01455 617139



sales@geosyn.co.uk